

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10553299"	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 16:04
S2	59	drive near3 device preset\$4 with angular with position	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 16:54
S3	7291	drive near3 device angular with position	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 18:02
S4	8	drive near3 device (set\$4 and preset\$4 and determin \$4) with angular with position	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 18:02
S5	1593	drive near3 device (set\$4 or preset\$4 or determin\$4) with angular with position	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 18:03
S6	52	drive near3 device (set\$4 or preset\$4 or determin\$4) with angular with position "101".clas.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/23 18:03
S7	1	"11436847"	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/24 14:27
S8	236	drive near3 (device or motor) (set\$4 or preset\$4 or determin\$4) with angular with position "101". clas.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/24 14:36
S9	1392	drive near3 device (set\$4 or preset\$4 or determin\$4) with angular with position (display or output\$4 or read \$4 or show\$4) with position \$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 12:46

S10	1106	drive near3 device (set\$4 or preset\$4 or determin\$4) with angular with position (display or output\$4 or read \$4 or show\$4) with position \$4 motor	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 14:30
S11	1515	(angular with (position or displacement)) drive near3 device (output or pulse or display or show) with (displacement or position or location) with (drive or motor)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 14:44
S12	440	(preset\$4 or set\$4 or determin\$4) with (angular with (position or displacement)) drive near3 device (output or pulse or display or show) with (displacement or position or location) with (drive or motor)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 14:45
S13	25	(preset\$4 or set\$4 or determin\$4) with (angular with (position or displacement)) drive near3 device (output or pulse or display or show) with (displacement or position or location) with (drive or motor) print\$4 near3 (press or unit)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 15:32
S14	646	drive near3 device (set\$4 or preset\$4 or determin\$4) with angular with position (display or output\$4 or read \$4 or show\$4) with position \$4 motor circuit	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/25 16:01
S15	629	parametr\$4 with (circuit or signal or pulse) (comput\$4 or calcul\$4) with unit	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:30
S16	1	pulse near3 train circuit virtual near3 leading near3 axle drive near3 (unit or device)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:39
S18	1	circuit virtual near3 leading near3 axle drive near3 (unit or device)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:39

S19	24628	circuit drive near3 (unit or device) (signal or pulse or output) near3 (convert\$4 or parameter\$4)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:40
S20	1696	circuit drive near3 (unit or device) (signal or pulse or output) near3 (convert\$4 or parameter\$4) near3 (number or frequency)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:44
S21	166	circuit drive near3 (unit or device) (signal or pulse or output) near3 (convert\$4 or parameter\$4) near3 (number or frequency) pulse near3 train	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/06/30 14:45
S22	0	parameteriz\$4 near3 signal with adjust\$4 near3 parameter	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 14:05
S23	0	parameteriz\$4 near3 signal with adjust\$4 near3 parameter with circuit	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 14:05
S24	2	"20030191544"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 14:12
S25	64	fold\$4 near3 unit with drive near3 control\$4	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 14:25
S26	2	correlat\$4 near3 pulse near3 train with output near3 signal drive near3 (device or unit or control)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 15:13
S27	20	comput\$4 near3 unit with parameter\$4 with (circuit or signal or pulse) with (detach\$4 or separat\$4 or separab\$4)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/03 15:18
S28	3	(independent or separate or detach\$4 or distinct\$4) near3 comput\$4 near3 unit with parameter\$4 with (circuit or signal or pulse)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 17:43
S29	1	emulator\$4 near3 circuit same drive near3 device	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 18:24

S30	9	emulator\$4 near3 circuit with parameter\$4 with (signal or pulse or output)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 18:25
S31	1	"5678030".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 18:26
S32	1	"5678030".pn. emulat\$4 near3 circuit	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 18:26
S33	35	circuit with (adjust\$4 or adapt or chang\$4) with parameter\$4 with shape with (output or signal or pulse)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/06 20:27
S34	1	"20030191544".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/07 11:09
S35	2	"20030186670"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/07 11:09
S36	1	"3,851,742".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/07 11:10
S37	1	"5,678,030".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/07 11:10
S38	1	"20010018872"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2008/07/07 11:10
S39	6	virtual near2 axle circuit with (interpret\$4 or process \$4 or output\$4 or convert \$4) near3 (data or information\$4 or pulse or datum or signal)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/01/16 14:32
S40	1	"4,369,705".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/01/20 17:48

S41	1015	drive near2 control "101". clas.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/06 12:28
S42	431	drive near2 control "101". clas. motor circuit	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/06 12:36
S43	121	drive near2 control "101". clas. motor with position with rotat\$4 circuit	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/06 12:36
S44	1	"6456222"	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/06 12:51
S45	13447	pulse with number with (segment\$4 or length or movement or rotation)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/07 23:11
S46	1319	pulse with number with (segment\$4 or length or movement or rotation) drive with motor with position	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/07 23:12
S47	453	pulse with number with (segment\$4 or length or movement or rotation) drive with motor with position drive with pulse with signal	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/07 23:13
S48	41	(signal or pulse) with (parameter\$4 or paramet \$4) (signal or pulse) with per near2 (rotation or spin or turn) drive with motor with (signal or pulse)	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/07 23:23
S49	2	drive with separate near2 motor with press near2 unit	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/08 01:16
S50	187	drive with separate near2 motor print\$4 near2 press	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/06/08 01:17
S51	10	signal with speed with amplitude "101".clas.	US- PGPUB; USPAT; EPO; JPO	AND	ON	2009/06/08 16:00

S52	10495	signal near2 (amplitude or height or strength) motor with (speed or position) drive with motor	US- PGPUB; USPAT; EPO; JPO	AND	ON	2009/06/08 16:01
S53	59	signal near2 (amplitude or height or strength) motor with (speed or position) drive with motor "101".clas.	US- PGPUB; USPAT; EPO; JPO	AND	ON	2009/06/08 16:02
S54	34	folding near2 unit with drive near2 control	US- PGPUB; USPAT; EPO; JPO	AND	ON	2009/06/08 18:26
S55	40527	signal\$4 same control\$4 same driv\$4 same print\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:06
S56	4041	signal\$4 same control\$4 same driv\$4 same print\$4 same circuit\$4 same puls\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:06
S57	1117	signal\$4 same control\$4 same driv\$4 same print\$4 same circuit\$4 same puls\$4 parameter\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:07
S58	1	signal\$4 same control\$4 same driv\$4 same print\$4 same circuit\$4 same puls\$4 parameter\$4 virtual\$4 with axle	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:08
S59	159	signal\$4 same control\$4 same driv\$4 same print\$4 same circuit\$4 same puls\$4 parameter\$4 encod\$4 with position\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:09
S60	1	"6456222".pn.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2009/12/16 18:23
S61	1	"6456222".pn.	US- PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 16:03
S62	13	pulse near2 train same offset near2 pulse near2 train same zero	US- PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:04
S63	840	correlat\$4 with pulse near2 train	US- PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:12

S64	56	correlat\$4 with pulse near2 train same zero	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:12
S65	2	correlat\$4 with pulse near2 train same zero same invers\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:12
S66	276	correlat\$4 with pulse near2 train (offset\$4 or invers\$4 or invert\$4) same zero	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:13
S67	120	pulse near2 train same offset pulse near2 train same (inver\$4) pulse near2 train same (null or zero)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:15
S68	1	"4,688,940".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/01 17:28
S69	2176	motor with signal with input\$4 same zero	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 15:31
S70	57	motor with input\$4 same signal with zero motor with input\$4 same signal with offset	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 15:31
S71	379	motor with input\$4 same signal with zero motor with input\$4 same signal with inver\$4	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 15:31
S72	20	motor with input\$4 same signal with zero motor with input\$4 same signal with inver\$4 motor with input\$4 same signal with offset	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 15:32
S73	1	"4429282".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 16:27
S74	184	pulse near2 train with inversion	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 16:32
S75	35	(pulse near2 train with inversion).ab.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 16:33

S76	48	pulse near2 train with inversion same control\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/02 16:33
S77	79	pulse near2 train with inver \$4 pulse near2 train with offset\$4	US- PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/03 12:21
S78	59	pulse near2 train with inver \$4 pulse near2 train with offset\$4 @ad<="20041232" control \$4	US- PGPUB; USPAT; EPO; JPO	AND	ON	2010/05/03 12:22
S79	19	zero near2 pulse with control\$4 with print\$4	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/03 12:40
S80	5	(buechner near2 detlef).in.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2010/05/03 15:39
S81	2	"20040165053"	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2010/10/01 11:54
S82	3	("3948504"   "5606914"   "6058844").PN.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2011/01/11 14:23
S83	10	("5263413").URPN.	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2011/01/11 17:26
S84	1	"20020029705"	US- PGPUB; USPAT; EPO; JPO	AND	OFF	2011/01/11 17:28
S85	1	"11763092"	US- PGPUB; USPAT; EPO; JPO	AND	ON	2011/01/12 15:16

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